

SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME Expanded Rubber and Plastics Corporation		EMERGENCY TELEPHONE NO. (213) 321-4260
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) 14000 South Western Avenue, Gardena, California 90249		
CHEMICAL NAME AND SYNONYMS Flexible Polyester Polyurethane Foam System	TRADE NAME AND SYNONYMS Stathane	
CHEMICAL FAMILY Isocyanate Prepol and Catalyst/Water mixture	FORMULA F 106	

SECTION II: HAZARDOUS INGREDIENTS*

PAINTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
PIGMENTS			BASE METAL		
CATALYST Tertiary amine in C-Comp.	50		ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES*				%	TLV (UNITS)
C - Component Amines blend				Approx. 50	
T - Component Isocyanate (in polyol) TDI				Approx. 12	

SECTION III: PHYSICAL DATA

BOILING POINT (°F)		SPECIFIC GRAVITY (H ₂ O = 1)	Comp. T Comp. C	1.20 1.00
VAPOR PRESSURE (mm Hg.)		PERCENT VOLATILE BY VOLUME (%)	Comp. C only Approx.	50
VAPOR DENSITY (AIR = 1)		EVAPORATION RATE (_____ = 1)		
SOLUBILITY IN WATER				
APPEARANCE AND ODOR	C-Component has amine odor			

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	Comp. T = 300° F, Comp. C = 300° F + (C.O.C.)	FLAMMABLE LIMITS 320° F (C.O.C.)	Lel	Uel
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EXTINGUISHING MEDIA

Water spray or dry chemicals

SPECIAL FIRE FIGHTING PROCEDURES

Personnel when extinguishing fire must wear self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS

*PLEASE DO NOT USE GENERALIZATIONS, SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES.
USE SPECIFIC CHEMICAL NAMES, SUCH AS METHANOL, BENZENE, PERCHLOROETHYLENE.

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE Comp. C - not established - Comp. T - Max. atmosph. concentr. 0.02 ppm for 8 hr work day.

EFFECTS OF OVEREXPOSURE Comp. T - Irritation of mucuous membranes and respiratory tract, coughing, headache and shortness of breath. Expos. can lead to allergenic sensitivity. Comp. R. - Irritating to mucuous membranes, eyes, and respirator tract.

EMERGENCY AND FIRST AID PROCEDURES Skin contact - Wash with large amounts of soap and water for at least 5 minutes. Eye contact - Wash with large amounts of water for a minimum of 15 minutes and consult eye physician. Internal - Induce vomiting and consult physician. Inhalation - Remove to uncontaminated area and administer oxygen if necessary - consult physician.

SECTION VI: REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATIBILITY (MATERIALS TO AVOID) Avoid contact of T-Comp. with water, strong bases, alcohol, metal compounds and surface active agents.

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID T-Component, Avoid contact with moisture and other materials reacting with isocyanates.
	WILL NOT OCCUR		C-Component

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED T-Component spilled chemicals should be covered with sawdust and treated with dilute ammonium hydroxide or alcohol and water in open container before disposal. C-Component to be washed off with water.

WASTE DISPOSAL METHOD

Should be in accordance with Federal, State and Local environmental control regulations.

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE) Canister type gask masks equipped for organic vapors - self-contained breathing apparatus.

VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (GENERAL) To maintain vapor concentrations below TLV	OTHER Special care during foaming

PROTECTIVE GLOVES Rubber Gloves EYE PROTECTION Protective goggles for liquid handling.

OTHER PROTECTIVE EQUIPMENT Eye wash stations and safety showers should be provided in work areas with containers of tincture green soap.

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Must be stored in tightly closed containers and protected from moisture and foreign material. Store materials at 65° - 85°F

OTHER PRECAUTIONS

PREPARED BY
Werner A. Breuer, Tech, Director

11-27-72
DATE